

ABSTRACT

A receiver and a transmitter-receiver, such as a mobile telephone unit and a transceiver, capable of controlling a supplied power to a receiving unit including a variable gain amplifier with high precision. The receiver employs a configuration including, for example, a receiving unit, a gain control signal-generating unit that designates a gain value of variable gain amplifiers in the receiving unit, a control unit, and a memory. The memory stores supplied power values to the receiving unit that are associated with gain values, and the control unit controls an electric power to be supplied to the receiving unit by referencing the supplied power values stored in the memory based on a gain value designated by a gain control signal.